



Exar Announces Family of RS-232 Transceivers with Adjustable Low Voltage Interface

VL pin simplifies integration in low voltage and multi-voltage systems

FREMONT, Calif., Oct. 22, 2015 /PRNewswire/ -- Exar Corporation (NYSE: EXAR), a leading supplier of high-performance integrated circuits and system solutions, announces a family of RS-232 (EIA/TIA-232) transceivers designed to operate from 3V to 5.5V supplies. The [XR32220](#), [XR32430](#) and [XR32431](#) include an adjustable low voltage logic interface that simplifies their use in low voltage and multi-voltage systems.

In many applications, RS-232 transceivers interface with UARTs, MCUs and other logic devices operating from supplies less than 3.3V. The XR32220 and XR32431 feature a low voltage logic pin (V_L) that can be used to adjust the transceiver's logic output levels and input thresholds for compatibility with lower supply voltage logic. The V_L range is 1.65V to 5.5V. The adjustable low voltage interface eliminates the need for a level shifter/translator between the transceiver and UART or MCU.

The XR32220, XR32430 and XR32431 are available in RoHS compliant, green/halogen free, space-saving 4mm x 4mm QFN (XR32220) and 5mm x 5mm QFN (XR32430/31) packages. The XR32220, XR32430 and XR32431 are priced from \$0.74 to \$0.94 in 1,000-piece quantities. Demoboards and samples are available at www.exar.com/transceivers.

Summary of features:

- Wide 3.0V to 5.5V supply operation
- 1.65V to 5.5V logic interface V_L pin (XR32220, XR32431)
- Auto on-line circuitry automatically wakes up from a 1 μ A shutdown
- Regulated charge pump yields stable RS-232 outputs regardless of V_{CC} variations
- XR32220: 250kbps min transmission rate
- XR32430, XR32431: 250kbps/460kbps/1Mbps min transmission rate

About Exar

Exar Corporation designs, develops and markets high performance integrated circuits and system solutions for the industrial & embedded systems communications, high-end consumer and infrastructure markets. Exar's broad product portfolio includes analog, display, LED lighting, mixed-signal, power management, connectivity, data management and video processing solutions. Exar has locations worldwide providing real-time customer support. For more information, visit www.exar.com.

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